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U.S. PATENT DOCUMENTS

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1	US	5 7 2 1 3 6 2	2/24/98	Corey			
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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
5	WO	9 9 5 1 2 3 8	10/14/99	PCT				
6	WO	0 0 1 8 2 3 3	4/6/00	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

7		Arai T. et al., "New antibiotics saframycins A, B, C, D and E," *J Antibiot. (Tokyo)* **1977**, Vol. 30, No. 11, p.p. 1015-1018;
8		Bobbitt, J. et al., "Isoquinolines. III. A New Synthesis of 1,2,3,4-tetrahydro isoquinolines," *J. Org. Chem.* **1965**, Vol. 30, p.p. 2247-2250;
9		Cabre-Castellvi, J. et al., "Convenient Synthesis of Carboxilic Acid Anhydrides using N,N-Bis[2-oxo-3-oxazol idinyl]phosphorodiamidic Chloride," *Synthesis* **1981**, No. 7, p.p. 616-620;
10		Caldwell C. et al., "Synthesis of the Lipophilic Side Chain of the Cyclic Hexa-depsipeptide Antibiotic L-156, 602," *J. Org. Chem.* **1990**, Vol. 44, p.p. 2355-2361;
11		Caron, M. et al., "Highly Enantioselective Solvolyses of L- and D-Phenylalanine p-Nitrophenyl Esters by an L-Histidyl Dipeptide in Surfacant Coaggregates Formed by Cholesterol-Containing Amphiphiles," *J. Org. Chem.* **1988**, Vol. 53, No. 21, p.p. 5187-5189;
12		Corey, E. et al., "Enantioselective Total Synthesis of Ecteinacidin 743," *J. Am. Chem. Soc.* **1996**, Vol. 118, p.p. 9202-9203;
13		Danishefsky, S. et al., "Total synthesis of Quinocarcinol Methyl Ester," *J. Am. Chem. Soc.* **1985**, Vol. 107, No. 5, p.p. 1421-1423;

EXAMINER	DATE CONSIDERED

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

14		Fukuyama, T. et al., "Total Synthesis of(±) Saframycin A," *J. Am. Chem. Soc.* **1990**, Vol. 112, No. 8, p.p. 3712-3713;
15		Fukuyama, T. et al., "A Sterocontrolled Total Synthesis of (±) Reniramycin A," *Tetrahedron Lett.* **1990**, Vol. 31, No. 42, p.p. 5989-5992;
16		Fukuyama, T. et al., "Stereocontrolled total Synthesis of (±) Saframycin B," *J. Am. Chem. Soc.* **1982**, Vol. 104, No. 118, p.p. 4957-4958;
17		Gao, Y. et al., "Catalytic Asymmetric Epoxidation and Kinetic Resolution: Modified Procedures Including in Situ Derivatization," *J. Am. Chem. Soc.* **1987**, Vol. 109, No. 18, p.p. 5765-5780;
18		Guan, Y. et al., "Molecular and crystal structures of ecteinascidins: potent antitumor compounds from the Caribbean tunicate Ecteinascidia tur binata," *J. Biomol Struct. Dyn.* **1993**, Vol. 10, No. 5, p.p. 793-817;
19		Kishi, K. et al., "Structure-activity relationships of saframycins," *J Antibiot. (Tokyo)* **1984**, Vol. 37, No. 8, p.p. 847-852;
20		Kitahara, Y. et al., "Synthesis of 4,7-Indolequinones. The Oxidative Demethylation of 4,7 Dimethoxyindoles with Ceric Ammonium Nitrate," *Chem. Phar. Bull. (Japan)* **1985**, Vol. 33, No. 5, p.p. 2122-2128;
21		Kubo, A. et al., "Stereoselective total Synthesis of (±) Saframycin B," *J. Org. Chem.* **1988**, Vol. 53, No. 18, p.p. 4295-4310;
22		Martinez, E. et al., "Phthalascidin, a synthetic antitumor agent with potency and mode of action comparable to ecteinacidin 743," *Proc. Natl. Acad. Sci.* **1999**, Vol. 96, p.p. 3496-3501;

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

23		Medina, E. et al., "Enantioselective synthesis of N-Boc-1-naphthylglycine," *Tetrahedron Asym.* **1997**, Vol. 8, No. 10, p.p. 1581-1586;
24		Mikami, Y. et al., "Saframycin S, a new saframycin group antibiotic," *J. Pharmacobiodyn.* **1981**, No. 4, p.p. 282-286;
25		Myers, A. et al. "A concise, Stereocontrolled Synthesis of (-) Saframycin A by the Directed Condensation of a-Amino Aldehyde Precursors," *J. Am. Chem. Soc.* **1999**, Vol. 121, No. 43, p.p. 10828-10829;
26		Sakai, R. et al., "Additional antitumor ecteinacidins from a Caribbean tunicate: Crystal structures and activities in vivo," *Proc. Natl. Acad. Sci.* **1992**, Vol. 89, p.p. 11456-11460;
27		Sakai, R. et al., "Ecteinascidins: Putative Biosynthetic Precursors and Absolute Stereochemistry," *J. Am. Chem. Soc.* **1996**, Vol. 118, No. 35, p.p. 9017-9023;
28		Sharpless, K. B. et al., "The Osmium-Catalyzed Asymmetric Dihydroxylation: A New Ligand Class and a Process Improvement," *J. Org. Chem.* **1992**, Vol., 57, No. 6, p.p. 2768-2771;
29		Zhou et al., "A novel face specific Mannich closure providing access to the saframycin-ecteinascidin series of piperazine based alkaloids," *Tetrahedron Letters* **2000**, Vol. 41, p.p. 2043-2046;
30		Zhou et al., "Synthetic explorations in the saframycin ecteinascidin series: construction of major chiral subunits through catalytic asymmetric induction," *Tetrahedron Letters* **2000**, Vol. 41, p.p. 2039-2042.

EXAMINER	DATE CONSIDERED

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